IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s):

Eiichiro ONO and Yoshikazu TANAKA

Int'l Application No.:

PCT/JP2004/014696

Application No.:

NEW APPLICATION

Filed:

March 29, 2006

For:

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BIOSYNTHESIS OF LIGNAN, AND USE THEREOF

INFORMATION DISCLOSURE STATEMENT (SUBMISSION CONCURRENT WITH THE FILING OF A NEW PATENT APPLICATION)

Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314 Mail Stop PCT

March 29, 2006

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. <u>LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION</u>

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each
publication or that portion which caused it to be listed; and (iii) all other information
or that portion which caused it to be listed.

This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

New PCT National Phase Application Docket No. 12480-000174/US

Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

a. DOCUMENTS IN THE ENGLISH LANGUAGE

Some of the attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Many of the documents have been discussed in the PCT Search Report, the PCT Preliminary Examination Report, and/or throughout the specification. The PCT Search Report and PCT Preliminary Examination Report indicate the degree of relevance found by the PCT Office, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

c. ENGLISH LANGUAGE SEARCH REPORT

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

The following additional information is provided for the Examiner's consideration.

USP 5,902,458 corresponds to JP 10-7676 and WO 98/20113 corresponds to JP 2001-507931.

e. **EQUIVALENCY DOCUMENTS**

New PCT National Phase Application Docket No. 12480-000174/US

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By:

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Reston, Virginia 20195

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Enclosures:

Documents

International Search Report (PCT/ISA/210)

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FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Sheet 1 of 2

Minima Comment (1) (C. Lubb b)	
ATTORNEY DOCKET No.	SERIAL NO.
12480-000174/US	NEW APPLICATION
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APPLICANT	
Eiichiro ONO et al.	
FILING DATE	GROUP
March 29, 2006	Unknown

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
	/BP/	5,902,458	05/11/1999	Sugiura et al.	_	

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	n No
JP	/ <u>B</u> P/	2001-139579	05/22/2001	Japan		Abstract	
JP		10-007676	01/13/1998	Japan		Abstract	-
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wo	V	WO 98/20113	05/14/1998	WIPO		 	<u> </u>

OTHER	DOCUMENT	S (including Author, Title, Date, Pertinent Pages, etc.)
Ref. Desig.	Examiner's Initials	
	/BP/	N.G. LEWIS et al., "Lignans: Biosynthesis and Function", Comprehensive natural products chemistry vol. 1, 1999, pp. 639-665, and 690-706
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Examiner:	
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(Use several sheets if necessary)

Sheet 2 of 2

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ATTORNEY DOCKET No.		SERIAL NO.
12480-000174/US	106	NEW APPLICATION
APPLICANT		
Eiichiro ONO et al		
FILING DATE		GROUP
March 29, 2006		Unknown

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Examiner:

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Date Considered: 01/31/2010